

APPENDIX F
CORPS OF ENGINEER CENTERS OF EXPERTISE
AND
LABORATORIES

Refer to ER 1110-3-109, Corps-Wide Centers of Expertise Assigned to Divisions and Districts, for a more detailed description of this subject area. Although DEHs and BCEs can contact these organizations directly, it is recommended that they first coordinate with their supporting MSC or district to obtain services from centers of expertise and laboratories.

Centers of expertise, and their mission areas, are listed and defined as follows:

Technical Center of Expertise (TCX). A TCX is defined as a division or district organization element which currently possesses a demonstrated, credible, technical capability in a specialized subject area applicable to the Army's military function, that can be of beneficial use to other Corps field offices. This recognized capability can be resident in a single person or be the collective capability of an organizational unit. The service to be rendered by a TCX to an FOA are advisory only, unless specifically requested to be otherwise by the FOA seeking assistance.

<u>TCX Mission Area.</u>	<u>Assigned Center</u>	<u>HQUSACE Proponent</u>
Desalinization Plants	Transatlantic Division	CEMP-ET
Desert Facilities	Transatlantic Division	CEMP-ET
Energy Performance Standards and Energy Analysis	South Atlantic Division	CEMP-ET
Renewable Forms of Energy	Southwestern Division	CEMP-ET
Subsurface Exploration	Mobile District	CEMP-ET
Aircraft Hanger Fire Protection	Transatlantic Division	CEMP-ET
Central Boiler Plants	Huntsville Division	CEMP-ET
Heating, Ventilating and Air Conditioning (HVAC) Control Systems	Savannah District	CEMP-ET

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<u>TCX Mission Area.</u>	<u>Assigned Center</u>	<u>HQUSACE Proponent</u>
Interior Design	Omaha District	CEMP-EA
Energy Engineering Analysis Program (EEAP)	South Atlantic Division	CEMP-ET
Underground Heat Distribution Systems (UGHDS)	Missouri River Division	CEMP-ET
Superfund/Hazardous Waste Cleanup	Missouri River Division	CEMP-ET

Mandatory Centers of Expertise (MCX). A MCX is defined as a division or district organizational element which currently possesses a demonstrated, credible, technical capability in a specialized subject area that is of beneficial use to other Corps field offices, and whose utilization by various other USACE FOA has been mandated by HQUSACE by regulation.

<u>MCX Mission Area.</u>	<u>Assigned Center</u>	<u>HQUSACE Proponent</u>
Energy Monitoring and Control Systems (EMCS)	Huntsville Division	CEMP-ET
Intrusion Detection Systems	Huntsville Division	CEMP-ET
Protective Design	Missouri River Division	CEMP-ET
Army Range Program / Selected Indoor Training Facilities	Huntsville Division	CEMP-EA
Tactical Vehicle Wash Facilities	Louisville District	CEMP-ET
Transportation Systems	Missouri River Division North Pacific Division South Atlantic Division	CEMP-ET
Expansive Soils	Fort Worth District	CEMP-ET

Design Centers. A design center is a specified Corps field office which is assigned a singular technical mission that is permanent and Corps-wide in scope. The designated office is to be considered the "lead activity" in a specialized area where capability needs to be concentrated for maximum effectiveness, economy, and/or efficiency.

<u>Mission Area.</u>	<u>Assigned Center</u>	<u>HQUSACE Proponent</u>
Medical Facilities	Medical Facilities Design Office	CEMP-EM
Mobilization (M) Design	Huntsville Division	CEMP-EA

Technical Management Center. A technical management center is a specified Corps field office which is assigned a primary management responsibility for a particular program, and is authorized by separate correspondence from HQUSACE.

<u>Mission Area.</u>	<u>Assigned Center</u>	<u>HQUSACE Proponent</u>
Area Oriented Depots	South Pacific Division Sacramento District	CEMP-MA
Strategic Defense Initiative Strategic Defense Command	Huntsville Division	CEMP-MG
Chemical Demilitarization Facilities	Huntsville Division	CEMP-MA
Production Base Support - Ammunition Plants	Huntsville Division	CEMP-MG
Mobilization Master Planning for AMC & MTMC Installations	North Central Division	CEMP-EA

Centers of Standardization (COS). A COS is a USACE division or district organization selected by the USACE Facilities Standardization Committee to be the supporting USACE design agency for developing a Department of the Army (DA) standard design package(s) for a specific facility type.

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<u>COS Mission Area.</u>	<u>Assigned Center</u>	<u>Proponent</u>
Army Reserve Centers	Louisville District	CEMP-EA is the proponent for all standards
Aviation Maintenance Hangers	Huntsville Division	
Barracks Modernization	Fort Worth District	
Basic Trainee Barracks	Tulsa District	
Battalion Headquarters	Sacramento District	
Bowling Alleys	Louisville District	
Brigade Headquarters	Sacramento District	
Central Issue Facilities	Seattle District	
Chapels/Family Support Centers	Omaha District	
Child Development Center Facilities	Huntsville Division	
Company Administration and Supply	Savannah District	
Criminal Investigation Division Command Facilities	Omaha District	
Enlisted Personnel Dining Facilities	Norfolk District	
Fire Stations	Huntsville Division	
Flight Simulators	Mobile District	
General Purpose Warehouse	Seattle District	
Information Systems Warehouses	New York District	
NCO Academies	Fort Worth District	
Physical Fitness Facilities	Huntsville Division	

<u>COS Mission Area.</u>	<u>Assigned Center</u>	<u>HQUSACE Proponent</u>
Tactical Vehicle Maintenance Facilities	Savannah District	CEMP-EA is the proponent for all standards
Troop Issue Subsistence Activities	Norfolk District	
Unaccompanied Enlisted Personnel Housing	Savannah District	
Unaccompanied Officer Personnel Housing	Tulsa District	
Youth Activity Centers	Little Rock District	

Laboratories. Research and Development Laboratories are operated by the Corps for the purpose of research, development and testing of new engineering concepts and systems, or testing and evaluation of existing engineering and geo-technical features.

USACE Laboratories: Several laboratories provide services Corps-wide and to many other customers. These laboratories are listed as follows:

U.S. Army Engineer Topographic Engineering Center, CETEC, Telegraph and Leaf Roads, Fort Belvoir, VA, 22060-5546.

U.S. Army Cold Regions Research Laboratory, CECRL, 72 Lyme Road, Hanover, NH, 03755-1290.

U.S. Army Waterways Experiment Station, CEWES, 3909 Halls Ferry Road, Vicksburg, MS, 39180-6199.

U.S. Army Construction Engineering Research Laboratory, CECER, P.O. Box 4005, Champaign, IL, 61824-4005.

Division and District Laboratories: Each division and most districts operate geo-technical testing laboratories. In addition to supporting division and district accomplished projects, these laboratories are available to the DEH/BCE for their locally accomplished projects. The laboratories can also perform various testing and measurement operations, such as those needed for compliance with state and local environmental laws and regulations.

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Separate Field Operating Activities. There are several USACE field operating activities (FOA) whose missions include support to the DEH/BCE community. These FOA's are listed as follows:

U.S. Army Engineering and Housing Support Center, CEHSC, Building Number 2593, Fort Belvoir, VA, 22060-5515.

U.S. Army Toxic and Hazardous Materials Agency, CETHA, Building Number E4460, Aberdeen Proving Ground, MD, 21010-5401.